

THERMOSET COMPOSITION, METHOD, AND ARTICLE

Abstract of Disclosure

A curable composition includes a functionalized poly(arylene ether); an alkenyl aromatic monomer; an acryloyl monomer; and a polymeric additive having a glass transition temperature less than or equal to 100 ° C and a Young's modulus less than or equal to 1000 megapascals at 25 ° C. The polymeric additive is soluble in the combined functionalized poly(arylene ether), alkenyl aromatic monomer, and acryloyl monomer at a temperature less than or equal to 50 ° C. The composition exhibits low shrinkage on curing and improved surface smoothness. It is useful, for example, in the manufacture of automotive body panels.

